

DOCUMENT RESUME

ED 160 494

SO 011 138

AUTHOR Ficklen, Myra
TITLE A Guide to Federal Funding in the Social Sciences.
INSTITUTION Association of American Colleges, Washington, D.C.
Federal Resources Advisory Service.
PUB DATE Feb 78
NOTE 38p.
AVAILABLE FROM FRAS/Association of American Colleges, 1818 R Street,
N.W., Washington, D.C. 20009 (\$5.00 members, \$7.50
nonmembers)

EDRS PRICE MF-\$0.83 Plus Postage. HC Not Available from EDRS.
DESCRIPTORS Anthropology; Behavioral Sciences; Consultants;
Curriculum Development; Economics; Environmental
Education; *Federal Aid; *Federal Programs;
Fellowships; *Grants; Guides; Higher Education;
Interdisciplinary Approach; International Relations;
Legal Education; Linguistics; Political Science;
Population Education; Psychology; Research;
Scholarship Funds; *Social Sciences; Social Services;
Sociology; Urban Studies

ABSTRACT

This guide is intended to help colleges and universities identify sources of federal funding in the social sciences. Brief summaries of federal program grants for institutions and for individuals are provided. Each summary includes a description of the grant, the amount of money available, and deadlines for applications. Grants for research and development, training, consultant services, and fellowships are available in many fields, including economics, sociology, law and criminal justice, political science, behavioral science, psychology, anthropology, linguistics, social service fields, and interdisciplinary areas focusing on urban affairs, environment, population research, and international relations. Programs of the following groups are cited: National Science Foundation; National Endowment for the Humanities; Department of Health, Education, and Welfare; Department of Justice; Department of State; Smithsonian Institution; Civil Service; Department of Labor; Department of Transportation; Department of Housing and Urban Development; and the National Endowment for the Arts. (Author/RM)

* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *

-ED160494

FR
AS

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY.

"PERMISSION TO REPRODUCE THIS
MATERIAL IN MICROFICHE ONLY
HAS BEEN GRANTED BY

Myra Ficklen

TO THE EDUCATIONAL RESOURCES
INFORMATION CENTER (ERIC) AND
USERS OF THE ERIC SYSTEM."

A Guide to Federal Funding in the Social Sciences

SP 011 138

Federal Resources Advisory Service / Association of American Colleges / 1818 R St. NW / Washington, D.C. 20039 / (202) 387-3760

INTRODUCTION

This guide provides summaries of federal programs in the social sciences of interest to colleges and universities. Social sciences is defined broadly to encompass a wide range of fields, including but not limited to economics, sociology, law and criminal justice, political science, behavioral science, psychology, anthropology, linguistics, social service fields and interdisciplinary areas focusing on urban affairs, environment, population research and international relations.

The numbers after program titles refer to the Catalog of Federal Domestic Assistance.

A GUIDE TO FEDERAL FUNDING
IN THE SOCIAL SCIENCES

by

Myra Ficklen

Publication of the Federal Resources Advisory Service
© Association of American Colleges
1818 R Street, N.W.
Washington, D.C. 20009

February 1978

TABLE OF CONTENTS

PROGRAMS FOR INSTITUTIONS

PROGRAMS FOR INDIVIDUALS

NATIONAL SCIENCE FOUNDATION

	<u>Page</u>		<u>Page</u>
DIVISION OF SCIENTIFIC PERSONNEL IMPROVEMENT	1	DIVISION OF SCIENTIFIC PERSONNEL IMPROVEMENT	1
DIVISION OF SCIENTIFIC EDUCA- TION RESOURCE IMPROVEMENT	3		
BIOLOGICAL, BEHAVIORAL AND SOCIAL SCIENCES RESEARCH	4		
SCIENTIFIC, TECHNOLOGICAL AND INTERNATIONAL AFFAIRS	5	SCIENTIFIC, TECHNOLOGICAL AND INTERNATIONAL AFFAIRS	5
RESEARCH APPLIED TO NATIONAL NEEDS	5	RESEARCH APPLIED TO NATIONAL NEEDS	5
OFFICE OF SCIENCE AND SOCIETY	6	OFFICE OF SCIENCE AND SOCIETY	6
DIVISION OF SCIENCE EDUCATION DEVELOPMENT AND RESEARCH	7		

NATIONAL ENDOWMENT FOR THE HUMANITIES

HIGHER EDUCATION INSTITUTIONAL PROGRAM	7		
HIGHER EDUCATION PROJECTS PROGRAM	8		
		FELLOWSHIPS	9
RESEARCH GRANTS	10	RESEARCH GRANTS	10
PUBLIC PROGRAMS	10		

PROGRAMS FOR INSTITUTIONS

	<u>Page</u>
PLANNING AND ANALYSIS	11
YOUTH GRANTS	11
CHALLENGE GRANTS	12

PROGRAMS FOR INDIVIDUALS

	<u>Page</u>
YOUTH GRANTS	11

DEPARTMENT OF HEALTH, EDUCATION AND WELFARE

PUBLIC HEALTH SERVICE	12
ALCOHOL, DRUG ABUSE AND MENTAL HEALTH ADMINISTRATION	12
NATIONAL INSTITUTES OF HEALTH	15
HEALTH RESOURCES ADMINISTRATION	16

EDUCATION DIVISION

INTERNATIONAL STUDIES	17
INTERNATIONAL EXCHANGE	18
ETHNIC HERITAGE STUDIES	18
PUBLIC SERVICE PROGRAMS	19
LAW SCHOOL CLINICAL EXPERIENCE	19
ENVIRONMENTAL EDUCATION	19
ALCOHOL AND DRUG ABUSE PREVENTION	19
FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION	19
NATIONAL INSTITUTE OF EDUCATION	20
OFFICE OF HUMAN DEVELOPMENT	20
ADMINISTRATION ON AGING	20
OTHER	21
SOCIAL AND REHABILITATION SERVICE	22

HEW FELLOWS	12
PUBLIC HEALTH SERVICE	12
ALCOHOL, DRUG ABUSE AND MENTAL HEALTH ADMINISTRATION	12
NATIONAL INSTITUTES OF HEALTH	15

EDUCATION DIVISION

INTERNATIONAL STUDIES	17
INTERNATIONAL EXCHANGE	18
PUBLIC SERVICE PROGRAMS	19
SOCIAL AND REHABILITATION SERVICE	22

PROGRAMS FOR INSTITUTIONS

PROGRAMS FOR INDIVIDUALS

DEPARTMENT OF JUSTICE

	<u>Page</u>		<u>Page</u>
LAW ENFORCEMENT ASSISTANCE ADMINISTRATION	23	LAW ENFORCEMENT ASSISTANCE ADMINISTRATION	23

DEPARTMENT OF STATE

		FULBRIGHT-HAYS EDUCATIONAL EXCHANGE	24
		AID INTERN	25
TECHNOLOGY APPLICATION FOR LESS- DEVELOPED COUNTRIES	25		
INSTITUTIONAL CENTERS TO AID FOREIGN DEVELOPMENT	25		

SMITHSONIAN INSTITUTION

SMITHSONIAN INSTITUTION RESEARCH PROGRAMS	26	SMITHSONIAN INSTITUTION RESEARCH PROGRAMS	26
		WOODROW WILSON INTERNATIONAL CENTER FOR SCHOLARS	26
SMITHSONIAN TRAVELING EXHIBITION SERVICE	27		

CIVIL SERVICE

WHITE HOUSE FELLOWS	27
PRESIDENTIAL MANAGEMENT INTERN PROGRAM	27
INTERGOVERNMENTAL MOBILITY OF FEDERAL, STATE AND LOCAL EMPLOYEES	27

PROGRAMS FOR INSTITUTIONS

PROGRAMS FOR INDIVIDUALS

OTHER PROGRAMS

	<u>Page</u>
DEPARTMENT OF LABOR	27
DEPARTMENT OF TRANSPORTATION	28
DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	28
NATIONAL ENDOWMENT FOR THE ARTS	29

	<u>Page</u>
DEPARTMENT OF LABOR	27
NATIONAL ENDOWMENT FOR THE ARTS	29

NATIONAL SCIENCE FOUNDATION

STUDENT-ORIGINATED STUDIES (47.049)

- grants to institutions for support of student-conducted summer research projects, which address concerns for society and the environment. Projects last from 10 to 12 weeks and provide stipends up to \$90 per participant. While each project has a faculty advisor, the initiative and responsibility for the research rests with the students. Projects are usually interdisciplinary and address local needs in the community. NSF makes approximately 60 grants each year ranging from \$9,000 to \$21,000. Deadline is in November.

SECONDARY SCHOOL STUDENT SCIENCE TRAINING (47.049)

- grants to higher education institutions or other associations to provide high ability high school students with research experience or college level instruction. Approximately 125 grants are made for projects with some 4400 participants. Projects cover all fields; they should be designed to offer guidance and encouragement to high school students with strong potential for scientific careers. Grants range from \$4,000-\$20,000. Deadline is in September.

UNDERGRADUATE RESEARCH PARTICIPATION (47.049)

- institutional grants to allow groups of up to 12 undergraduate students to work full-time with faculty during the summer on a research project. Student stipends are \$900 for the ten week period plus other operating costs. Operating cost of project cannot exceed total amount of stipend support (\$10,800). Projects may be in any discipline, but emphasis must be on providing a complete research experience for the students so they can feel a sense of having accomplished a task. NSF makes about 200 awards each year. Deadline is in August. High priority is given to research projects dealing with environmental and societal issues.

PRE-COLLEGE TEACHER DEVELOPMENT IN SCIENCE PROGRAM (47.049)

- grants to colleges and universities for workshops designed to improve elementary and secondary school teachers' knowledge of scientific subjects. Projects should be developed in close collaboration with teachers and educators at the educational levels at which the project will focus. Projects may be academic year workshops, with sessions held regularly during the academic year or summer seminars for full-time study over a one to four week period. The maximum grant is \$50,000. In the first year of the program NSF made 185 awards; expectations are to make 30-35 awards per year in future years. Deadline is in November.

SCIENCE FACULTY PROFESSIONAL DEVELOPMENT (47.049)

- grants to full-time college social science teachers with at least five years experience engaged primarily in undergraduate teaching. Awards are to increase competence in the field by studying or working at another institution for three to twelve months. (Projects may be carried out during three consecutive summers.) Stipend support is based on salary and includes a travel allowance to and from the affiliate institution. Each affiliate institution receives \$150 per month to help defray the cost of the grantee's activities

program. Each applicant must submit an Activities Program indicating his plan of study. Applicants are evaluated on 1) potential of the Activities Program to contribute to the applicant's development as a science teacher; 2) evidence that the applicant can carry out the plan; 3) appropriateness of the proposed institution of affiliation and tenure period; and 4) evidence of past accomplishments as a science teacher. NSF makes approximately 130 awards each year. Deadline is December.

NATIONAL NEEDS POSTDOCTORAL FELLOWSHIPS (47.009)

- grants to individuals who have received their doctorate within the past five years for research related to significant national needs. (Awards are not made in clinical, education or business fields, nor history, social work or public health.) Stipend rate is \$1,000 per month for periods of six to nine months plus a travel allowance. Fellows are selected on the basis of academic records, letters of recommendation and other indications of scientific competence. NSF makes approximately 100 awards per year. The deadline is in December.

GRADUATE FELLOWSHIPS (47.049)

- fellowships of approximately \$325 per month for the most talented scientists. Approximately 550 new three year awards and 1000 continuation awards are made each year. Awards are for individuals who, at the time of application, have not completed more than 18 quarter hours/12 semester hours of post-baccalaureate study. No student may receive more than three years of NSF graduate fellowship support. Deadline is December.

NATO POSTDOCTORAL FELLOWSHIP (47.049)

- grants for full-time postdoctoral study in a NATO country (excluding U.S.) for nine or twelve-month periods. Applicants must have earned doctoral degrees (usually within the past five years) or have equivalent research training or experience. Stipends are approximately \$920 per month, with an additional allowance for dependents and travel. Evaluation of the applicants is based on academic records, letters of recommendation, ability to carry out proposed plan and other evidence of scientific competence. Consideration is also given to the applicant's competence in the language of the country in which he/she plans to study. NSF encourages projects which contribute to international collaboration in science. NSF makes approximately 40 awards per year. The deadline is in November.

NATO ADVANCED STUDY INSTITUTES TRAVEL GRANTS

- grants to selected NATO Advanced Study Institutes for use as travel grants to U.S. student participants. Institutes are generally held during the summer and are intended to provide advanced instruction on highly specialized topics in an environment which will promote international exchange and cooperation. Advanced graduate and postdoctoral students, and other junior-level faculty or scientists are eligible. Applicants must be nominated by the institute director. Announcement of the institutes is usually in February but deadlines and stipends differ according to the specific institute. Approximately 70 students receive support each year.

CHAUTAUQUA-TYPE SHORT COURSES

- support for short courses to college science teachers in a variety of

topics at field centers throughout the U.S. NSF provides support for lodging, instructional materials and partial travel allowance for participants. Each course meets for a total of four days--two in the fall and two in the spring. During the interim participants work on projects related to the course. Topics include Sociology of Aging, Anthropological Studies of Women, Economics, Politics of Government Budgeting, etc. The AAAS administers the program for NSF. Announcements of course schedules usually take place in July or August, with selection of participants about two to four weeks prior to the beginning of the course.

WOMEN IN SCIENCE (47.049)

- grants to institutions for Science Career Workshops for Women at the freshman-sophomore, junior-senior, and graduate levels and for women who have a bachelor's degree in science but are neither in graduate school nor employed in scientific jobs. Workshops should be multidisciplinary and provide candid information and guidance on careers and educational opportunities in sciences for women. Each workshop will accommodate 100 to 530 participants from a radius of 100 miles. The maximum grant from NSF is \$10,000. NSF places considerable emphasis on evaluation plans and utilization of the results of the workshop. NSF makes approximately 25 grants each year. The deadline is in December.

HANDICAPPED IN SCIENCE (47.049)

grants for conferences, workshops, studies and science training models to identify and seek solutions to the problems of the physically handicapped becoming scientists. Career guidance information, student science training projects, as well as needs assessments and surveys are funded. NSF makes approximately 10-12 awards each year. The maximum grant is \$50,000. Deadline is in November.

COMPREHENSIVE ASSISTANCE TO UNDERGRADUATE SCIENCE EDUCATION (CAUSE) (47.048)

- grants to two and four year colleges and universities to strengthen resources for undergraduate social science programs, improve the quality of teaching and help institutions enhance and evaluate science education programs. Projects may involve alternative teaching methods - including use of audio-visual equipment, computers, etc. as learning tools; remedial instruction, or other activities aimed at improving an instructional program. Proposals require a local review statement indicating how the proposed activities fit into the overall goals of the institution. The maximum grant is \$250,000 over a three-year period, with a one-third cost-sharing required. Funds may be used for salaries, equipment, minor renovation and construction, indirect costs and other expense items attributable to the project. Approximately 60-70 awards are made each year. Deadline is in December.

INSTRUCTIONAL SCIENTIFIC EQUIPMENT PROGRAM (47.048)

- grants up to \$25,000, which must be matched on a dollar for dollar basis for purchase of equipment needed to improve instruction in the classroom. Institutions can submit from one to five proposals (based on FTE); NSF allows only one award per discipline every three years. Deadline is in March.

LOCAL COURSE IMPROVEMENT PROGRAM (47.048)

- grants to colleges and universities to help restructure a course(s) or try out new scientific and educational techniques on a small scale. Much of the

planning for the course can take place during the summer months. Grants range from \$3,500-\$25,000, with a one-third cost-sharing required. Approximately 130 awards are made each year. Projects should be designed to meet the local needs on a campus and need not be model projects. The deadline is in October.

MINORITY INSTITUTIONS SCIENCE IMPROVEMENT (47.048)

- grants to institutions which draw over 50% of their enrollments from ethnic minorities to 1) improve the quality of preparation of their students for graduate work or careers in science; 2) increase the number of minority students with majors in science; and 3) improve the capability of minority institutions in the area of institutional planning and development so that they can compete more effectively in assistance programs not specifically intended for minority groups. Three types of grants are available: design grants; grants to individual institutions for comprehensive science improvement; and grants to support a cooperative project among several institutions. Design grants provide up to \$20,000 over a twelve month period to help in development of long-range science improvement plans. Only institutions which do not have formal planning capabilities (PME system, federal relations, institutional research or development offices) are eligible. Institutional and cooperative projects may request up to \$300,000 for a three year period to implement science improvement plans through a variety of activities including faculty development, advanced science seminars, faculty exchange, new curricula, etc. (Non-minority institutions can participate in cooperative projects.) The deadline is in March.

INFORMATION DISSEMINATION (47.048)

- support for projects designed to assist school system representatives and others concerned with education at the pre-college level to learn about new and alternative instructional materials, classroom practices and recent science education research findings. Activities can include conferences, information exchange systems or other means of disseminating information. The maximum grant is \$25,000. Deadline is in February.

BIOLOGICAL, BEHAVIORAL AND SOCIAL SCIENCES (47.051)

- grants for research and studies, research workshops, symposia, conferences and equipment in biology, behavioral and social sciences. Most research supported is basic in character, though work of an applied nature may be supported. Grants range from \$200 to \$250,000; the average grant is \$51,400. Approximately 2,900 awards are made each year. Proposals are accepted throughout the year. Significance of the research, credentials of the project directors, and appropriateness of the plan to carry out the research are major criteria.

RESEARCH INITIATION IN MINORITY INSTITUTIONS

- grants for up to 36 months with a maximum award of \$35,000 for research projects at institutions whose enrollments are predominantly composed of ethnic minorities (at least 50%). The deadline is in March.

SMALL COLLEGE FACULTY ENGAGED IN RESEARCH AT LARGER INSTITUTIONS

- opportunities for faculty members at small colleges to participate in original and basic research being conducted at larger institutions through supplemental grants to project directors. There are no formal guidelines or application forms; the procedure is:

1. Faculty member locates a researcher in his field of interest who has a NSF grant.
2. Faculty member then contacts the researcher and persuades the latter to accept him as an associate for the agreed-upon period of time (summer, semester, etc.)
3. The researcher requests a supplemental grant to cover the budget changes.

Available funds vary with different divisions. NSF makes approximately 100 such grants each year. There is no deadline, but arrangements take at least six months.

SCIENTIFIC, TECHNOLOGICAL AND INTERNATIONAL AFFAIRS (47.053)

- support for programs with international dimensions in basic and applied research in all the sciences and social sciences. Projects generally fall into one of the following areas:

1. Joint Seminars or Workshops - usually involve 20-25 experts to help design and develop joint research projects.
2. Cooperative Research - U.S. scientists work with scientists of another country with the two countries sharing the cost. Proposals must be submitted to agencies in both countries simultaneously; both sides must approve the plan. Fundability often depends on the interest of the other country. Countries and areas with which the U.S. has formal agreements are: Australia, Republic of China, Romania, Hungary, Czechoslovakia, Bulgaria, France, India, Israel, USSR, Italy, Japan, Latin America, New Zealand. Agreements with each country vary as do research areas of interest.
3. Visiting Scientists - payment of partial costs for scientists to go abroad to conduct research; visits can be short or last for a semester or year.
4. Special Foreign Currency Program - support for scientists to carry out research in countries in which the U.S. owns excess currency (expected to be India, Pakistan and Egypt).
5. Scientists and Engineers in Economic Development (SEED) - grants for scientists or engineers to conduct research or teach in one of the 45 participating developing countries. Applicants must have at least five years of postdoctoral or equivalent experience in teaching or research and plan to return to his (her) institution when the project is complete.
6. International Travel Program - grants for approximately 250 scientists to attend significant international meetings at which they are delivering papers.

Size of grants vary widely according to the project. Generally travel grants do not exceed \$1,200. Proposals are accepted throughout the year in most categories; the deadline for SEED is usually in December.

RESEARCH APPLIED TO NATIONAL NEEDS (47.041)

- support for scientific research which focuses on selected problems of national importance, with the goal of contributing to their solution. Priority areas are: environment, resources, productivity, exploratory research, technology assessments, and research development incentives. Activities can include symposia and conferences, assessments, planning and support projects, exploratory studies as well as research. Grants and contracts range from

\$1,000 to \$2,000,000. Approximately 550 grants are made each year. Areas including population, urban problems, environment, etc. are included.

SCIENCE FOR CITIZENS FORUMS, CONFERENCES AND WORKSHOP PROGRAM (47.038)

- grants to citizen groups and other nonprofit organizations to bring together citizens and scientists to provide citizens with access to scientific expertise on science related policy issues of concern to citizens. NSF is particularly eager to serve groups which do not normally have easy access to scientific expertise. Colleges and universities should work with these groups in developing proposals. The most successful proposals have been those which deal with specific problem areas, not vague general concepts. Preliminary proposals are due in March; full proposals in May. NSF awards approximately 20 grants each year.

PUBLIC SERVICE INTERNSHIPS AND RESIDENCIES (47.038)

- grants to provide scientists and engineers and students of science and engineering an opportunity to work for up to one year in a public service organization or with citizen groups. Applicants must make arrangements with an appropriate host organization and propose a suitable activity. Proposals should emphasize the scientific, public service and outreach objectives of the program and indicate how the activity will contribute to the ongoing program of the host organization. NSF gives priority to applications in which the proposed activities are intended to reach groups that normally do not have access to scientific expertise and information.

NSF awards approximately 15 to 25 each of internships and residencies each year. An applicant for a residency must have earned a final postgraduate or professional degree or have acquired comparable experience or qualifications in an eligible field. Applicants for internships must be enrolled in an appropriate undergraduate or graduate program and have completed at least three years of study with a major in science or engineering. The deadline is usually in March.

PUBLIC UNDERSTANDING OF SCIENCE (47.038)

- grants to direct projects to increase the general public understanding of science and technology and the effects of scientific methods and activities on our lives. Activities can include radio and television programs, newspaper and magazine presentations, museum and science center exhibits, drama and film presentations, and lectures, forums, conferences and workshops. In addition, projects to improve methods of communication with the public and studies of those methods are also funded. Projects should be transferable and applicable to a large group, be cost effective, reach audiences not effectively reached by existing informal education programs, and utilize innovative modes of communication. Preliminary proposals may be submitted at any time; staff attempts to respond within eight weeks. Closing dates for formal proposals are: April, August and December.

ETHICS AND VALUES IN SCIENCE AND TECHNOLOGY (47.038)

- grants for projects, including research, workshops, conferences and other activities designed to increase understanding and interaction between the scientific and technological communities, other professional communities, and the general public in the following substantive categories: 1) value issues in the professional education and conduct of scientists and engineers; 2) value

issues associated with technological innovation; and 3) value issues in institutional choices. Sharpness of focus on issues related to the ethical and social dimensions, relative social importance of the general areas within which the project falls, originality and clarity of methods, evaluation in achieving specific goals are the major review criteria. Preliminary proposals are due January, May and September, with full proposals due April, August and December.

RESEARCH IN SCIENCE EDUCATION (47.048)

- support for research in science education in natural and social sciences, mathematics and engineering. Projects must be designed to generate new knowledge which will lead to more effective science education and better use of educational resources. Priority areas vary each year. Current areas of interest include problems of motivation and learning in adolescents, developmental attitudes in science. When possible, NSF encourages collaboration between educational researchers and those with experience in science education. NSF makes approximately 20 awards each year. Deadline is in March.

DEVELOPMENT IN SCIENCE EDUCATION (47.048)

- support for innovative methods and materials which can serve as models in science education. Projects should represent a significant departure from usual practices in science education and show promise of providing a practical transferable product. Priority areas are determined each year. In FY 1978 awards are limited to already committed projects and to certain projects in continuing education.

NATIONAL ENDOWMENT FOR THE HUMANITIES

The National Endowment for the Humanities funds proposals which focus on the aspects of the social sciences which have humanistic content and employ humanistic methods, including historical studies relating to the social sciences and non-quantitative aspects of social science fields.

HIGHER EDUCATION INSTITUTIONAL PROGRAM

- NEH supports those aspects of the social sciences employing historical or philosophical approaches. The institutional program is designed to strengthen the curriculum of higher education programs within the context of the individual college or university. NEH staff encourages submission of a preliminary proposal and consultation with staff six to eight weeks prior to the application deadline. Categories of support are:

National Board of Consultants (45.123) - small grants to engage the services of consultants who are selected from a register of outstanding former reviewers and directors of projects supported by the Division. Consultants provide assistance in evaluating an existing humanities curricula or in developing new programs or new approaches. NEH can provide consultants from a variety of specialties within the social sciences. Projects can involve a single discipline or the entire social sciences curriculum.

A consultancy involves no more than 20 working days for the consultant. No cost-sharing by the institution is required. Approximately 95% of all consultant grants are funded. This program is a good starting point for those seeking NEH funding for the first time. Deadlines are in March, June, September and December.

Education Pilot Grants (45.110) - support for activities necessary for implementation of a new course(s) in the humanities, social sciences, either as a project complete in itself, or as the first step of implementing a larger program. Grants may not exceed \$50,000 over a 12-18 month period, with a 20% cost-sharing required by the institution. Funds may be used for faculty release time, limited travel, consultants, seminar planning, clerical assistance and instructional materials. NEH anticipates the institution will support this program (if successful) at the end of the grant period. Deadlines are in November and April.

Development Grants (45.110) - development grants provide support for large-scale revisions and development of social sciences curricula at two and four year colleges, universities and professional schools. Programs include the reorganization of departments of instruction, basic revision of curriculum and improvement of instructional methods. Before applying, institutions are required to make a thorough needs assessment of the humanities curriculum and investigate priorities and long-range goals. Provisions for faculty retraining are also encouraged. Grants range from \$50,000 to a maximum of \$500,000 up to a five-year period. Cost sharing is required with the institution's share increasing in the later stages of the project. Deadlines are in January and August.

HIGHER EDUCATION PROJECTS PROGRAM

- grants for development, testing and dissemination of imaginative model projects which address national needs in strengthening humanistic aspects of the social sciences in colleges and universities. NEH encourages consultation with staff before submission of a proposal. Categories of support are:

Curriculum Materials Grants (45.111) - grants to support development of innovative curriculum materials which address a demonstrable need in educational institutions throughout the country. Proposals must be for materials intended for classroom or course-related instruction in the social sciences and include provisions for testing and evaluation as well as indications of widespread distribution. Grants average \$70,000 per year for one or two years of support. Deadlines are in November and April.

Humanities Institutes Grants (45.120) - grants for colleges, universities, disciplinary associations, and other organizations to conduct institutes to improve teaching in the social sciences. Institutes can be short-term, from four weeks to several months, or last up to two years. An institute must be oriented toward a specific discipline, interdisciplinary problem and must emphasize the needs in teaching in a discipline or at a particular type of institution. Project directors select the fellows.

Approximately four or five awards are made each year. Costs of the institutes average \$75,000 for a summer and \$500,000 for a year round program, with ten percent cost-sharing by the host institution. Deadlines are in January and August.

General Project Grants in Higher Education (45.111) - support for model projects in higher education that do not fall within the guidelines of the Humanities Institutes or Curriculum Materials Grants categories. NEH particularly encourages projects in the following areas: collaborative efforts between two-year colleges and other institutions of higher education; sharing of resources among institutions; improvement in teaching of foreign languages and literatures; collaboration in formal educational activities between museums and colleges or universities; projects designed to train graduate students; and projects that use film, television and other media to provide sustained instruction for non-traditional students. Grants range from \$2,000 to \$350,000. Deadlines are in April and November.

FELLOWSHIPS

- support for individuals to further their professional development and carry out individual research projects. Categories of fellowship support are:

Summer Seminars for College Teachers (45.116) - stipend support for teachers in two and four year colleges to spend two months at a seminar in an area of interest in the humanities or social sciences to improve their knowledge of the subjects they teach. In addition to the seminar each applicant must undertake an individual research project or program of intensive reading. Seminars are directed by distinguished scholars at institutions with libraries suitable for advanced research. Seminar topics cover a wide range of interests. Recent seminar offerings include Economic Development of Pre-Industrial Europe and America in the International Economy. Stipend support of \$2,000 plus \$400 is available. This is an excellent opportunity for scholars whose primary concern is in teaching, rather than research. The deadline is in March.

Fellowships in Residence for College Teachers (45.119) - program provides an opportunity for teachers in undergraduate and two year colleges who are concerned with increasing their own knowledge of the subjects they teach while working with others sharing similar interests. Fellows participate in a seminar directed by a distinguished scholar and undertake personal programs of study and research over and beyond the work for the seminar. Participants have access to a library suitable for advanced research and study. Selection criteria include the quality of the applicant as a teacher and his/her commitment to teaching; the contribution the individual will make to the seminar and the overall excellence of the applicant. NEH makes approximately 145 awards for fellows at 16 seminars each year. The maximum stipend is \$14,500. The deadline is in November.

Fellowships for Independent Study and Research (45.118) - support to individual scholars and non-academic professionals, such as

journalists, for study and research which will make a significant contribution to the field. This grant category is very competitive, with most awards going to well-known, well-published scholars. Grants are limited to \$20,000 over a twelve month period. The deadline is in June.

Summer Stipends (45.121) - stipends of \$2,500 to support two consecutive months during the summer of full time study and research in the social sciences. Applicants must have a well-defined research project and have demonstrated the ability to carry out this research. The significance of the research in relation to the field is also important. Only three individuals from each institution can apply, two of whom must have received their Ph.D. within the past seven years. Deadline is in October.

DIVISION OF RESEARCH GRANTS

- grants to support development of materials, and other products of importance to the field. Most endeavors involve the collaborative efforts of more than one scholar over a period of several years. NEH will fund a portion of a larger scale project. Prior consultation with staff before submission of a proposal is very important. Categories of support are:

Research Materials (45.126) - grants for development of basic reference works for humanistic research, such as atlases, bibliographies, concordances, dictionaries, source guides, and the editing of literary and philosophical writings, historical manuscripts, and letters. Projects are generally multi-year, involving collaborative efforts of several scholars. Grants range from \$2,500 to \$300,000, for up to three years of support. Approximately 125 grants are made in this category each year. The deadline is in December.

Research Collections: Development, Access and Use (45.124) - grants for projects to significant research collections and libraries, for organizing, preparing guides, and otherwise improving the collection and making resources more available to scholars. Direct acquisitions are not supported. Grants range from \$1,500 to \$300,000 for up to three years of support. NEH makes approximately 50 grants to centers each year. Deadline is usually in December.

General Research Program (45.105) - support for research projects, generally involving several scholars, of importance to the social sciences. Local, regional and state history, other history and anthropology account for approximately 70% of the projects funded. Translation projects of importance to the field are also eligible. In all categories the most important considerations are the importance of the project to the field and the qualifications of the individuals to carry out the research. Grants range from \$5,000 to \$500,000. Approximately 110 grants are made each year. Deadlines are usually December and June.

DIVISION OF PUBLIC PROGRAMS

- support for programs designed to bring the humanities and social sciences into the lives of the out-of-school adult public. Colleges and universities may receive grants for public programs if the programs involve an audience wider than the campus population. Categories of support are:

Museum and Historical Organizations Program (45.125) - projects involving imaginative approaches to make museums more appealing, increase public access to the humanities and add depth to interpretation of permanent and temporary collections. Grants for training personnel to work in interpretive programs are also available. NEH particularly encourages historic site interpretive activities. Traveling exhibits and sharing of resources among several institutions are encouraged. Grants range from small planning grants of \$5,000-\$10,000 to large-scale exhibition grants of \$50,000. NEH makes approximately 100 awards in this category each year. Deadlines are usually November, March, June and August.

State Based Program (45.129) - state-based committees regrant NEH funds to institutions and organizations within the state for projects in the social sciences directed at the out-of-school adult public. Size and duration of grants given vary within each state, from short lectures costing a few hundred dollars to more elaborate projects of \$20,000-\$30,000 over a period of a year or more. Deadlines and program priorities are determined by each state committee.

Media Program (45.104) - projects in film, radio, and television involving the social sciences. Activities must reach a wide public and be of high professional caliber, both in terms of humanistic scholarship and the production. Grants are made for script development, pilot production, or final program production. Approximately 64 grants are made each year in this category. Grants range from \$10,000 planning grants to multi-year projects costing over \$1 million. The amount of cost-sharing is determined by the size of the project. Deadlines are March, June, August and November.

Public Program Development (45.113) - grants for experimental model projects to demonstrate new ways of relating the social sciences to the adult public. Activities can involve new ways to use the library, programs undertaken by national organizations such as labor unions, model curricula for use in new settings, etc. Grants range from \$10,000 to \$300,000 for periods of not more than 18 months. Deadlines are March, June, August and November.

PLANNING AND ANALYSIS (45.128)

- limited number of grants to support evaluation and analytical studies to help understand national needs in the humanities; experimental social science programs which do not fall within the scope of other NEH programs; development of experimental models for collaborative interdisciplinary work between humanists and natural, behavioral or social science. Grants range from \$5,000 to \$100,000. Approximately 30 grants are made each year.

YOUTH GRANTS (45.115)

- grants to individuals under 30 to conduct research, or undertake education, film and community projects in the humanities. In addition, special youth projects are awarded for projects directed by professionals in the social sciences and aimed at involving large numbers of young people. The maximum grant is \$10,000; most grants to individuals are under \$2,500. Approximately 45 grants are made each year. Deadlines are in November and April.

CHALLENGE GRANTS

- grants to help strengthen humanities institutions and stimulate long-term support. Federal funds must be matched on a three for one basis with new money raised by the grantee. Grants can be used for basic operating support, renovation of facilities, acquisition of equipment, endowment, and other purposes. An institution must indicate how the matching portion will be raised and how the institution can maintain or identify further sources of continuing support. Challenge grants are available through the education, research and public programs divisions. Deadline is in December.

DEPARTMENT OF HEALTH, EDUCATION AND WELFARE

HEW FELLOWS PROGRAM

- appointments of one-year duration for twenty qualified individuals to serve with major officials in the Department of Health, Education and Welfare. Applicants must have a record of demonstrated interest in community service and the nation's social problems as well as evidence of leadership in these areas. Fellows represent a wide range of academic backgrounds. Deadline is in January.

PUBLIC HEALTH SERVICE

The Public Health Service includes the National Institutes of Health, the Alcohol, Mental Health and Drug Abuse Administration and the Health Resources Administration. Many programs for research and training include social sciences, especially cultural anthropology, sociology and social psychology, economics, political sciences and epidemiology. Programs of special interest to colleges and universities are summarized below.

MENTAL HEALTH RESEARCH GRANTS (13.242)

- grants for basic and applied research, investigations and studies in the areas of mental health, its causes, prevention, and other methods of service delivery. Projects must be clearly defined as relating to mental health. Areas of interest include suicide, crime and delinquency, other social problems, and mental health problems relating to a particular segment of the population. Grants for research projects average \$49,000. Approximately 1,000 grants are awarded each year. Deadlines are October, February and June.

Small Grants - awards of \$5,000 in direct costs to young investigators for research in areas of interest to NIMH. This program is well-suited to investigators in smaller institutions and others who do not have regular research support or resources for exploration available. Small grant applications may be submitted at any time. Applications for summer support must be received by mid-January.

MENTAL HEALTH RESEARCH DEVELOPMENT AWARDS (13.281)

- support for young investigators with research potential to develop their skills through experience in a research environment. Awards are made to institutions with programs in mental health and behavioral science on behalf of

the individual. Salary support is limited to \$25,000 per year. Grants average \$28,000. NIMH awards 115-125 grants each year. Deadlines are October, February and June.

MENTAL HEALTH NATIONAL RESEARCH SERVICE AWARDS FOR RESEARCH TRAINING (13.282)

- individual National Research Service awards for predoctoral and postdoctoral research training in mental health related areas and institutional awards to help institutions develop research training opportunities for individuals interested in specified mental health fields. Priority areas are specified by NIMH; currently these include child mental health; depression and suicide; schizophrenia, crime and delinquency; aging and minorities. Applicants must be nominated and sponsored by an institution with staff and facilities suitable to the proposed research. Staff encourages consultation before submission of an application. Individual awards are made for periods up to three years; institutional awards up to five years. Predoctoral stipends average \$3,900; postdoctoral range from \$10,000 to \$14,000. Approximately 275-300 individual awards and 200-225 institutional awards are made each year. Deadline for institutional awards is usually in October; for individual awards the deadlines are usually October, February and June.

MENTAL HEALTH CLINICAL OR SERVICE-RELATED TRAINING GRANTS (13.244)

- support for training and personnel development projects for primary care providers and trainers of mental health specialists; research and development in mental health training; and projects in specialized areas of crime and delinquency, metropolitan problems and minority groups. Social work, psychology, psychiatry and other disciplines are included. Funds may be used for institutional costs associated with the program and to provide stipend support for individuals enrolled in the program. (Generally programs are at the graduate level.) NIMH supports approximately 1,000 clinical and/or service-related training grants each year. Awards are usually limited to five years or less. Deadline is in July.

ALCOHOL RESEARCH DEVELOPMENT AWARDS (13.271)

- support for individuals at a sponsoring institution for research in the prevention, treatment and causes, rehabilitation, and other areas related to drug abuse. Awards are designed for younger investigators with research potential who need additional experience in a productive research environment. An investigator may receive up to five years of support. Grants range from \$19,900 to \$32,000, with the average grant \$27,700. Approximately 15 awards are made each year. The deadlines are February, June and October.

ALCOHOL NATIONAL RESEARCH SERVICE AWARDS FOR RESEARCH TRAINING (13.272)

- grants to individuals for predoctoral and postdoctoral research training related to alcohol abuse and to institutions to develop research training opportunities in specialized fields relating to alcohol abuse. Areas of special interest to social scientists include research in prevention and education focusing on such areas as theories and approaches to prevention, drinking patterns among teenagers and youth; early identification through schools, work situation, community agencies, etc.; financing alcohol services; and treatment evaluation. Predoctoral stipends are \$3,900; postdoctoral stipends range from \$10,000 to \$14,000. Deadlines are February, June and October.

ALCOHOL RESEARCH PROGRAMS (13.273)

- support for research to develop new knowledge and approaches to problems and treatment of alcohol abuse. Both large-scale (up to \$500,000) and "small grants" (up to \$5,000 for young investigators) are available. Activities can include research projects, workshops, pilot studies, etc. related to areas of alcohol abuse and prevention. Approximately 124 grants are made each year. Deadlines for research grants are February, June and October. Small grant applications can be submitted at any time, but must be received by February 1 for summer support.

ALCOHOL CLINICAL OR SERVICE RELATED TRAINING PROGRAMS (13.274)

- support for specialized training programs for professionals and para-professionals who will work on community projects. Emphasis is on model, transferable projects. Funds may be used for institutional costs associated with the training program and stipends for trainees. Grants range from \$6,000 to \$550,000. Approximately 40 grants are made each year. Deadlines are October, February and June.

DRUG ABUSE DEMONSTRATION PROGRAMS (13.254)

- support for model projects relating to treatment and rehabilitation of drug addicts and surveys and analysis of adequacy of programs and determining new programs for treatment of drug abuse. Activities can include vocational rehabilitation counseling, education and services for people in treatment programs, training and recruitment for employees of drug treatment, surveys and other demonstration treatment and rehabilitation programs. Grants average \$175,000. Approximately 40-50 awards are made each year. Deadlines are February, June and October.

DRUG ABUSE RESEARCH DEVELOPMENT AWARDS (13.277)

- support for individuals with research potential who need experience in a productive research environment. Awards are made to the institution on behalf of the individual. Research must be related to problems of drug abuse and narcotic addiction. Grants average \$30,000. (Salary support for the individual is limited to \$25,000 per year.) Approximately 15-20 awards are made each year. Deadlines are February, June and October.

DRUG ABUSE NATIONAL RESEARCH SERVICE AWARDS FOR RESEARCH TRAINING (13.278)

- individual awards for postdoctoral and predoctoral research training in specified drug related areas and institutional awards to enable institutions to develop research training opportunities in such areas. (Most awards are at the postdoctoral level.) Areas of special interest to social scientists include behavioral and societal factors involved in the etiology of drug abuse, epidemiology of drug use and abuse with regard to variations among groups. Postdoctoral stipends range from \$10,000-\$14,000. Approximately 50 fellowships are awarded each year. Deadline for institutional grants is October; deadlines for individual awards are October, February and June.

DRUG ABUSE EDUCATION PROGRAMS (13.275)

- grants for development and dissemination of information relating to drug abuse and prevention and inservice training of professionals. Activities can include community workshops, evaluation of existing programs, institutes and workshops for training of professionals, and development and dissemination of

materials. Grants range from \$15,000 to \$183,000. Approximately 25-30 grants are made each year. Deadlines are February, June and October.

DRUG ABUSE RESEARCH PROGRAMS (13.279)

- support for research to develop new knowledge and approaches to narcotic addiction and drug abuse. Both large-scale (up to \$500,000) and "small grants" (up to \$5,000 for young investigators) are available. Activities can include research projects, workshops, pilot studies related to priority areas of drug abuse and prevention. Contracts are awarded for specific areas of research. Deadlines for grants are February, June and October. Small grant applications can be submitted at any time, but must be received by February 1 for summer support.

DRUG ABUSE CLINICAL OR SERVICE RELATED TRAINING PROGRAMS (13.280)

- support for training programs for treatment personnel in drug abuse programs, including professionals, para-professionals and ex-addicts to work in treatment programs. Funds may be used for institutional costs associated with the program and for trainee stipends. Grants average \$100,000. Approximately 95 programs are supported each year. Deadlines are October, February and June.

FOGARTY CENTER SCHOLARS IN RESIDENCE

- opportunity for outstanding scholars to assemble to study and focus on significant topics of science as related to health issues and effects on modern society. Areas of the social sciences which affect health are also studied: (e.g. legal issues related to health science; social, economic or philosophical issues). Eligibility is by invitation only. While in residence each scholar participates in individual study, research and/or group interaction. Deadline is generally in January.

POPULATION RESEARCH - (NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT) (13.864)

- grants and contracts in the broad areas of population research which encompasses social and behavioral determinants, answers to fundamental population and reproductive research and contraceptive development and evaluation. Studies regarding psychosocial, social, political, demographic and economic issues related to population dynamics fall within this program. Grants range from \$1,200 to \$750,000. Approximately 590 grants and 164 contracts are awarded each year. Deadlines are November, March and July.

AGING RESEARCH - (NATIONAL INSTITUTE ON AGING) (13.866)

- support for research in the biological and health-related aspects of aging, including areas in the social sciences, particularly anthropology, sociology, economics. Special areas of interest include the whole area of retirement; psychological aspects of aging (e.g. cognitive, personality and attitudinal changes with age); societal aspects of aging, e.g. population age structure and its impact on economic, societal and individual function; and social aspects of aging in different cultures. Grants average \$85,000 per year; contracts average \$93,000. Both individual and institutional awards are available. (Individual stipends are usually \$10,000 in the first year.) Grants generally extend for three years. Deadlines are March, July and November.

Special Grants in Aging - grants up to \$12,000 for young investigators in the field of aging. An applicant must have finished his/her formal training

within the past six years. These grants are similar to project grants, but funding does not cover the investigator's salary; the institutional commitment to the project is the investigator's salary.

RESEARCH FOR MOTHERS AND CHILDREN (13.865)

- support for research in areas relating to health of individuals from conception through later years of teenage life. Priority areas include human learning and behavior, developmental disorders, and other aspects of health and development. Grants average \$65,000, with individual stipend support of \$10,000 in the first year; contracts average \$90,000. Approximately 1000 grants and 40 contracts are awarded each year. Deadlines for grants are November, March and July. Contract deadlines are announced throughout the year.

MATERNAL AND CHILD HEALTH RESEARCH (13.231)

- grants to institutions for support of research in maternal and child health programs. Areas of interest include health status of and health services for mothers and children in urban and rural communities; new approaches for providing maternity health services; evaluation and effectiveness of programs; programs and services for children; programs for teenage parents, etc. Grants range from \$11,139 to \$337,000. Deadlines are usually March, August and December.

MATERNAL AND CHILD HEALTH TRAINING (13.233)

- grants to institutions for training personnel for health care of and related services for mothers and children, with particular emphasis on mentally retarded and physically handicapped children. Funds can be used for program costs as well as stipend support for individuals. Grants average \$450,000. Applications are accepted throughout the year.

OCCUPATIONAL SAFETY AND HEALTH RESEARCH GRANTS (13.262)

- grants for research in areas related to occupational health, including environmental, technical and other factors. Grants average \$50,000. Approximately 35-45 grants are awarded each year. Deadlines are October, February and June.

ENVIRONMENTAL HEALTH SCIENCES CENTERS (13.872)

- grants to higher education institutions for long-term core support for broadly-based research and training relating to environmental health problems. Centers are usually composed of groups of scientists who collaborate to develop fundamental and practical information about causes and nature of environmental diseases. Seven centers are currently supported; one additional center will be added in 1978. Grants range from \$530,000 to \$1,700,000.

HEALTH SERVICES RESEARCH AND DEVELOPMENT (13.226)

- support for research, development, demonstration and evaluation designed to improve health services. Areas of high priority include: 1) quality of care; 2) inflation and productivity; 3) health care and the disadvantaged; 4) health manpower; 5) health insurance; 6) planning and regulation; 7) emergency medical services; and 8) long-term care. Projects should be directed towards improving availability and quality of services and for more cost-effective ways of service delivery and use of manpower. Grants average \$250,000. Deadlines are usually March, July and November.

HEW/EDUCATION DIVISION

GRADUATE AND UNDERGRADUATE INTERNATIONAL STUDIES PROGRAM (13.435)

- grants to higher education institutions and consortia to develop international components in undergraduate and graduate course offerings. Programs must be interdisciplinary and provide instruction on more than one world region. The institution should have existing capability to provide foreign language training. Programs may vary in approach. Examples are an integrated approach to world problems, international political economy and transnational relations, and international programs in business administration. Programs conducted by a single institution may receive up to \$45,000 per year for two years, and for a consortium \$70,000 per year for three years. There are generally 12 to 16 grants made per year for undergraduate programs and five to ten for graduate programs. Deadline is usually December.

FOREIGN LANGUAGE AND AREA STUDIES CENTERS (13.435)

- awards to higher education institutions (or consortia) with graduate programs for centers of foreign language and area studies. Centers may focus on one world region or upon international or comparative studies, although most concentrate on one world area, offering instruction in the principal languages of that area and other subjects related to understanding of the country. A number of centers are developing programs in professional fields such as law or diplomacy. Grants range from \$7,000 to \$170,000. Approximately 80 centers are being supported for three year periods. Centers are required to provide outreach services, such as sharing literary resources, inservice teacher training, workshops and courses for the community at large. Next competition is expected to be in fall of 1973.

FACULTY RESEARCH ABROAD (13.438)

- awards for 3-12 months of research and study abroad in non-Western European foreign languages, area studies and world affairs. Faculty at all levels are eligible, but project must be related to their teaching assignments upon return. Project must be one which can be completed within tenure of award period. Approximately 45 to 60 projects are funded each year. Faculty member must have been engaged in at least half-time teaching or research during the two years preceding the award. Deadline is generally in October of the year preceding the year of study.

FULBRIGHT-HAYS DOCTORAL DISSERTATION RESEARCH ABROAD PROGRAM (13.441)

- grants for 6-12 months to future college teachers for full-time dissertation research in non-Western European foreign languages, area studies and world affairs. Grants range from \$2,600-\$17,500. Between 115 and 175 awards are made each year. Language proficiency is required. Deadline is generally in October of the year preceding the year of study.

FOREIGN LANGUAGE AND AREA STUDIES FELLOWSHIPS (13.434)

- graduate fellowships at schools with quota of NDFL fellowships. Candidates must be preparing for employment in foreign languages and area studies as a teacher or in another professional service requiring knowledge and understanding of other cultures. Approximately 840 fellowships are awarded each year, of approximately \$4,000 each.

TEACHER EXCHANGE (13.437)

- elementary and secondary school teachers, college instructors and assistant professors with three years of full-time teaching are eligible to apply for placement in foreign secondary schools and universities or short-term seminars. Disciplinary fields and level of support vary by country. Usually the host institution pays salary, but in some cases grantee must get leave with pay from his/her institution. Grant period lasts from six weeks to one year. In 1976-77 academic year there were approximately 125 awards for teachers, plus 155 American teachers and supervisors for participation in seven summer seminars.

FOREIGN LANGUAGE AND AREA STUDIES RESEARCH (13.436)

- research contracts for studies and surveys to determine the need for increased or improved instruction in modern foreign languages and area studies and to conduct research on more effective methods of teaching these languages and to develop specialized materials for use in training teachers of these languages or related studies. Research contracts are awarded on basis of national educational needs and priorities and on merit of proposal. Approximately 30 new contracts are negotiated each year totaling \$300,000.

GROUP PROJECTS ABROAD (13.440)

- awards to support summer seminars or programs of six weeks to one year for faculty, educators at all levels or graduate students in foreign languages, area studies or world affairs. Projects must be related to improving educational programs at the home institution. Types of activities include: summer seminars for faculty; curriculum development teams, group research or study, summer seminar projects related to domestic ethnic heritage programs, summer intensive language programs, and academic-year intensive language programs. Awards are not made for projects focusing on Western Europe or in countries where the U.S. has no diplomatic representation. Most awards are made in countries where U.S. has excess foreign currency (expected to be: Arab Republic of Egypt, India, Pakistan and Tunisia). Approximately 35-45 grants, ranging between \$14,000 and \$180,000 are made each year. Deadline is generally early November.

FOREIGN CURRICULUM CONSULTANTS (13.439)

- awards are made to secondary schools, colleges and consortia to bring foreign consultants to the U.S. for eight to ten months to assist in planning and developing curricula in foreign language and area studies. Usually consultant services are used in developing a non-Western European studies component in secondary schools or in the undergraduate college curriculum. Courses in adult education are also eligible activities. In 1976-77 school year 17 consultants were brought to the U.S. Deadline is generally early November.

ETHNIC HERITAGE STUDIES (13.549)

- grants for development of curricular materials, dissemination of such materials or training for persons using such materials in projects relating to ethnic groups in the U. S. and their contribution to American heritage. Areas of the project may include history, geography, economy, society, literature, art, music, drama, and the general culture of the groups with which the project is concerned. Projects must include active participation of the ethnic groups involved or other community groups. Grants range from \$10,000-\$50,000,

with the average \$37,000. Elementary and secondary and post-secondary institutions are eligible. For the past two years, the deadline has been early December.

PUBLIC SERVICE PROGRAMS (13.555)

- grants to institutions for establishing or improving public service programs on the graduate level and for fellowships to graduate students who plan public service careers. Funds can be used for program administration, faculty improvement, acquisition of materials and development of cooperative arrangements with other graduate or professional schools in law, public health, business or urban planning. Institutional grants for programs range from \$7,500 to \$34,000. Fellowship stipends are \$3,900 for a 12-month year plus a \$3,900 allowance to the institution. Approximately 86 institutions receive grants each year. The deadline for institutions is in May; fellowship deadline is in January.

LAW SCHOOL CLINICAL EXPERIENCE PROGRAMS (13.584)

- grants to accredited law schools for establishment or expansion of demonstration projects in law school clinical experience. Projects should provide actual experience in legal skills, such as preparation and trial of actual cases and settlements of controversies outside the courtroom; interviewing witnesses, drafting documents, counseling clients, etc. This program will be funded for the first time in FY 1978. Plans are to award 20-25 programs averaging between \$40,000-\$50,000.

ENVIRONMENTAL EDUCATION (13.522)

- grants to develop innovative instructional materials and approaches for use in schools and communities, for training professionals in environmental education and to develop resource materials on specific environmental problems. Activities can also include planning outdoor ecological study centers, preparation and distribution of materials for mass media, and preservice and inservice training. Grants average \$35,000. Mini-grants of \$10,000 are available for workshops to assist communities in understanding local environmental problems. Approximately 90 awards are made each year, of which 23-25 are to higher education institutions. The deadline is in January.

ALCOHOL AND DRUG ABUSE PREVENTION (13.420)

- support for alcohol and drug abuse education demonstration projects in schools, communities and institutions of higher education. Activities can include development, testing, and dissemination of materials for use in education programs at all levels; demonstration programs, particularly those involving the community and focus on the causes of alcohol and drug abuse; prevention and early intervention programs in schools; preservice training programs for teachers, counselors, other educational personnel, law enforcement officials, etc.; bilingual activities; programs to train and involve former drug and alcohol dependent persons for prevention programs and projects for effective dissemination of information. Grants vary widely according to type of program; community grants average \$3,200; early intervention grants average \$8,000; demonstration and training grants are larger but vary widely. Applications are accepted throughout the year.

FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION (13.925)

- grants for projects to encourage reform, innovation and improvement of

postsecondary education. Projects should be learner centered, cost effective, unique and transferable. General priority areas of the fund include: 1) extending effective educational opportunity to those still not adequately served by the system; 2) meeting individual needs within larger institutions and systems; 3) improving programs, personnel and instruction for more effective education; 4) creating and applying more meaningful criteria for the award of postsecondary credentials; 5) reducing costs and stretching the educational dollar; 6) making better use of educational resources beyond colleges and universities; 7) helping people make better choices about whether, when and where to enroll for education beyond high school; 8) preserving institutional vitality in the face of growing rigidity and regulation. Grants average \$30,000 to \$50,000 and most last for two years. Preliminary proposals of five pages are due in January, with full proposals due in March.

EDUCATIONAL RESEARCH AND DEVELOPMENT (NATIONAL INSTITUTE OF EDUCATION)(13.950)
- support for research in academic and administrative areas of education and for dissemination of this information. At the time of this writing NIE is undergoing an extensive reorganization. Priority areas of research generally fall into one of the following: administration, management and budget; dissemination and research services; educational governance; and teaching and learning. Special areas of concern include student achievement testing, education of personnel development, secondary schooling and urban schools. Projects, although basic research, must be consumer-oriented, i.e. results should lead to improvement of materials, methods and education. NIE is concerned with capacity building. All levels of education from pre-school through continuing education fall within NIE's mandate. Behavioral research and social science research are included. NIE accepts unsolicited proposals throughout the year; holds grant competitions for specific programs; and issues Requests for Proposals which are published in Commerce Business Daily. Size of grant or contract varies widely from \$200 to \$2 million.

OFFICE OF HUMAN DEVELOPMENT

ADMINISTRATION ON AGING

SPECIAL PROGRAMS FOR THE AGING - RESEARCH AND DEVELOPMENT (13.636)

- grants to support investigative and experimental studies in the social and psychosocial aspects of aging. Investigator-initiated research covers all areas within the general interest of AOA. Directed research requests proposals in response to specific issues and/or specific projects in stated areas. In FY 1977 these were: 1) strengthening the national network of state agencies on aging; 2) outlining a policy plan relative to the directives of the Older Americans Act; and 3) assessing and planning specific projects to achieve the stated goals. Deadline is usually in April.

SPECIAL PROGRAMS FOR THE AGING - MODEL PROJECTS (13.634)

- grants to support model projects in any of the priority areas of the Older Americans Act: housing and living arrangements; continuing education; retirement education and services; needs of physically and mentally impaired;

ombudsman services for residents of nursing homes; improved services to underserved populations and minorities; and senior ambulatory day centers. The project must be a new or untried approach to a problem and contribute to national program development. Grants range from \$17,000-\$350,000 over a one to three year period. Applications may be submitted at any time but require at least six months for review. Staff encourages submission of abstracts and consultation on projects before submitting a final proposal. Suggested dates for submission of proposals are: October 1, January 1, April 1, and July 1.

SPECIAL PROGRAMS FOR THE AGING - MULTIDISCIPLINARY CENTERS (13.638)

- grants to establish or expand a gerontology center with high visibility which will coordinate the resources for training and research on aging within the institution while reaching out into the community through demonstration projects and applied research emanating from the center. (Usually over half of available funding is obligated for continuation grants.) Development grants to launch a Center are \$50,000-\$75,000 per year. Most projects request two years of funding after which time the institution can apply for an operational grant. (Institutions may come into the program for the first time with an operational grant.) Operational grants should enhance an existing center and lead to self-supporting status at the end of the two-year funding period. The deadline is usually in April.

SPECIAL PROGRAMS FOR THE AGING - STATE AGENCY ACTIVITIES (13.633)

- grants administered through the states to support training activities in gerontology. Projects must meet the inservice training needs that exist at the state and local levels. A designated percentage (in FY 1977 it was 50%) must be awarded to higher education institutions.

SPECIAL PROGRAMS FOR THE AGING - TRAINING (13.637)

- grants for development of gerontology as an academic field of study and for support for short-term training in the field of aging to meet the needs of older persons now and in the future.

Career Training in Aging - grants range from \$80,000-\$120,000 to support activities in gerontological training to prepare students to serve the elderly in their chosen careers. Emphasis is on interdisciplinary activities. A program can be interdisciplinary by: a) offering special seminars on gerontology within each discipline; or b) adding specific courses in gerontology for students in various disciplines. AOA makes approximately 60-70 grants each year, of which about one-third are for new programs.

Planning Grants provide up to \$25,000 to support a coordinator and related costs of developing a gerontology program. Most projects are for two years. Projects emphasizing coordination of existing programs and/or courses in gerontology are given a higher priority than those starting from scratch. (Many institutions which have completed planning grants request development grants.)

Development Grants are for large-scale projects with funding in the \$100,000 per year range, for development of models, curricula, etc. which are of national significance. Activities should represent innovative, new methods and ideas. Deadline for training, planning and development grants is usually in April.

OTHER

CHILD DEVELOPMENT - CHILD ABUSE AND NEGLECT PREVENTION AND TREATMENT (13.628)

- support for programs to prevent, identify and treat child abuse and neglect.

Activities can include research into causes and prevention and treatment of child abuse and neglect; multi-disciplinary training programs; and parent self-help centers and other treatment activities. Grants average \$200,000. Approximately 16 research grants, 11 evaluation, training and assistance contracts are being supported.

DEVELOPMENTAL DISABILITIES - SPECIAL PROJECTS (13.631)

- support for projects to improve quality of services to the developmentally disabled for informational programs to increase public awareness; and demonstration of new techniques for service delivery. At least 25 percent of available funds are for projects of national significance. Projects must be based on community needs and be consistent with state plans. Grants range from \$1,400 to \$238,000. Deadlines vary.

CHILD DEVELOPMENT - CHILD WELFARE RESEARCH AND DEMONSTRATION GRANTS (13.608)

- grants and contracts to support research and development projects in the area of child and family development and welfare. Projects should be of national significance, develop new methods or facilities of widespread applicability toward the advancement of child welfare programs or demonstrate experimental types of welfare services. Funded projects have contributed to development of new strategies for homes for dependent children, parenthood education, programs for teenage pregnant girls, and programs for abused and neglected children. Basic research relating to child abuse, TV and children, development of children in family settings is also supported. Grants range from \$10,000 to \$500,000.

SOCIAL AND REHABILITATION SERVICE

TRAINING GRANTS IN THE FIELD OF CHILD WELFARE (13.768)

- grants to higher education institutions for training personnel to work in the field of child welfare. Grants average \$50,000. Programs are coordinated through the regional offices of the Social and Rehabilitation Service and in coordination with state program agencies. Grants are usually awarded for one year with continuation available. Approximately 176 training grants are made each year. Deadline is usually in May.

PUBLIC ASSISTANCE RESEARCH (13.766)

- grants and contracts for innovative research and demonstrations for social service concepts to provide better service to dependent and vulnerable populations such as poor, aged, etc. Grants average about \$65,000. Approximately 160 grants are made each year; a portion of funds is used by the Social Security Administration and the Public Health Service for research and evaluation of needs and services of these agencies. Unsolicited proposals may be submitted at any time.

PUBLIC ASSISTANCE TRAINING GRANTS (TITLE XX) (13.772)

- grants to education institutions for developing, expanding or improving short or long-term training programs for social agency employees, service delivery personnel in agencies or persons preparing for employment with a state Title XX agency. Each program must have some Title XX students. Money is

channelled through the states, with each state determining priorities. Size of grant and type of program vary widely, but program must be directly related to Title XX-funded services. For a three-year grant, an institution will typically spend the first year developing the program and the next two years implementing, with an evaluation after the second year. Institutions may request continuation grants beyond the original grant period. The deadline is determined by each state.

DEPARTMENT OF JUSTICE

LAW ENFORCEMENT ASSISTANCE ADMINISTRATION-JUVENILE JUSTICE AND DELINQUENCY PREVENTION SPECIAL EMPHASIS PREVENTION AND TREATMENT (16.517)

- grants to develop and implement programs of new approaches, techniques and methods for preventing and treating juvenile delinquency, including diversion techniques, community-based programs, etc. Projects must be consistent with approved state plans. Proposals may be submitted at any time.

LAW ENFORCEMENT ASSISTANCE-TRAINING (16.513)

- grants for seminars, conferences and workshops for professional development of criminal justice employees of state and/or local governments. Grants range from \$10,000 to \$400,000. Proposals are accepted throughout the year. Areas of training have included training in the use of television and video tape equipment; training in detection and disposal of hazardous devices; planning, evaluation management and data analysis training for criminal justice personnel.

LAW ENFORCEMENT ASSISTANCE-INTERNSHIPS (16.512)

- grants to institutions which are LEEP participants to support student internships, either during the summer or a semester in which the student is on leave of absence. The program provides an opportunity for college students to gain experience in specialized areas of criminal justice and law enforcement. A student must be enrolled full-time at the participating institution and have completed the second year in a degree program. Grants are made to approximately 10-15 institutions for support of groups of interns. An institution can receive support for one to three years.

LAW ENFORCEMENT RESEARCH AND DEVELOPMENT-GRADUATE RESEARCH FELLOWSHIPS (16.505)

- support for a limited number of fellowships awarded to doctoral candidates through sponsoring universities. Fellowships support students engaged in the writing of a doctoral dissertation in the area of criminal justice. Maximum grant is \$10,000. Approximately 25 grants are made each year. Deadline is in October.

LAW ENFORCEMENT EDUCATION PROGRAM-STUDENT FINANCIAL AID (16.504)

- grants to higher education institutions for loans to students who are in-service employees of public enforcement agencies and who are enrolled in a crime related degree program. Loans average \$400 per academic year. Grantees must agree to remain in full-time criminal justice employment for two complete years. An institution must have a degree program in law enforcement and

criminal justice to be eligible and be accredited by the regional LEAA office. Approximately 1000 awards are made each year. Deadline is usually March.

LAW ENFORCEMENT ASSISTANCE ADMINISTRATION-JUVENILE JUSTICE AND DELINQUENCY PREVENTION (16.518)

- grants to encourage, coordinate and conduct research and evaluation of juvenile justice and delinquency prevention activities and dissemination of information. Areas of research can include programs focusing on causes of juvenile crime, means of prevention, new techniques and approaches to prevention of juvenile crime. Size of grants are determined by the activities proposed. An applicant should submit a concept paper as a preliminary proposal. Deadlines are January and July. Approximately 75 awards are made each year.

LAW ENFORCEMENT RESEARCH AND DEVELOPMENT-PROJECT GRANTS (16.507)

- support for research and development to improve and strengthen activities related to crime prevention or reduction and enforcement of the criminal law. New approaches, techniques, systems, as well as behavioral research on causes of crime and ways to prevent crime, and evaluation of existing criminal justice programs are included. Proposals are accepted throughout the year. Approval/disapproval generally takes 90 days. Areas identified as high priority include correlates and determinants of criminal behavior; violent crime and the violent offender; community crime prevention; career criminals and habitual offenders; utilization and deployment of police resources; pre-trial process: consistency and delay reduction; sentencing; rehabilitation; deterrence; performance standards and measures for criminal justice. The Institute encourages submission of concept papers of 10 to 15 pages describing the problem to be addressed; objectives of the study and the proposed methodology; cost estimates, etc.

LAW ENFORCEMENT RESEARCH AND DEVELOPMENT VISITING FELLOWSHIP PROGRAM (16.508)

- grants to highly qualified criminal justice professionals and scholars to work in Washington on a research project. Tenure of the award varies from three months to two years. Applicants must submit concept papers outlining their research plan, generally in November. A proposal should demonstrate creative, independent research on the major issues involved in crime prevention and control and administration of justice.

DEPARTMENT OF STATE

FULBRIGHT-HAYS EDUCATIONAL EXCHANGE-GRADUATE STUDENTS (19.101)

- grants to approximately 450 American students to live and study abroad, usually doctoral dissertation studies. Grants cover transportation, tuition and maintenance for one academic year. Eligible disciplines vary by country.

Travel grants - provide roundtrip transportation for individuals receiving other scholarships administered by the Institute of International Education.

FULBRIGHT-HAYS EDUCATIONAL EXCHANGE-UNIVERSITY LECTURERS (PROFESSORS) AND RESEARCH SCHOLARS (19.102)

- grants for research or lectureships for up to one year in a foreign country.

Grants usually provide round-trip transportation, maintenance allowance which varies in each country, and a small incidental allowance. Lecturers must have college or university teaching experience; researchers must have a doctorate or recognized professional standing. Competitiveness varies with country and discipline. Approximately 450 awards are made for lecturers and 140 for research are made each year. Deadline is usually July. Approval usually takes 7 to 8 months.

FULBRIGHT-HAYS PROGRAM FOR SCHOLARS ABROAD

- grants to colleges and universities for travel of foreign scholars to spend three to twelve months for lecturing or in research at the host institution. Council for International Exchange of Scholars administers the program. The host institution is responsible for maintenance. Approximately 500 scholars from abroad are awarded grants each year. Deadline is in October for the following academic year.

Foreign scholars visiting the U.S. are often available to give lectures at other institutions in the U.S. The Council publishes a directory of visiting scholars and will help arrange such short term visits.

AGENCY FOR INTERNATIONAL DEVELOPMENT INTERN PROGRAM

- two year training program which leads to positions in developing countries of Asia, Africa, Latin America and the Near East. Positions include agriculturalist, capital development loan officer, economist, engineer, rural development assistant, education advisor, health nutrition officer and others. Training in Washington lasts about six months with the remainder of the 24 months spent on overseas duty. Applicants should hold an advanced degree in agriculture, agricultural economics, civil engineering, education administration, finance, business administration, rural sociology, nutrition or public health. Applicants are evaluated in terms of academic records, oversea and domestic experience, references, and other relevant factors. Most positions require language proficiency in French or Spanish. An interdisciplinary background is helpful. Deadline is usually in November in the year preceding the Fall appointment.

TECHNOLOGY APPLICATIONS FOR LESS-DEVELOPED COUNTRIES (19.007)

- contracts to higher education institutions for research in developmental problems in areas such as agriculture, urban and rural development, economics, education, social sciences to make foreign assistance programs of the Agency more effective. Size of award varies from \$5,000 to over \$1 million, with the average \$500,000. Approximately \$3.3 million is available for projects in education and social science-related projects. Research projects can be authorized for a period of up to three years.

INSTITUTIONAL CENTERS TO AID FOREIGN DEVELOPMENT (19.006)

- grants to higher education institutions to strengthen programs which can contribute to AID program in long-range economic and social programs for developing countries. Grants are to augment an on-going program by building upon existing skills and knowledge, not to develop new capabilities. Agriculture, urban development, economics, various social sciences are included. There are no formal guidelines; an institution should outline its plan in a preliminary proposal to the Agency. The largest portion of funding is awarded for activities in the area of food and nutrition. Grants average \$500,000; an institution can apply for up to five years of support.

SMITHSONIAN INSTITUTION

SMITHSONIAN HIGHER EDUCATION AND RESEARCH TRAINING PROGRAMS (60.002)

- fellowships for investigators who seek training in research supplementary to their disciplinary studies, to work with the staff of the Smithsonian. Applicants must indicate why the Smithsonian is the best place to carry out the proposed research in one of the following fields: History of Science and Technology; American and American Cultural History; History of Art; Anthropology and various sciences. There are three levels of fellowships:

1. Postdoctoral fellowships - stipends of \$12,000 per year, for a six to twelve month tenure, to postdoctoral scientists and scholars within five years of their Ph.D. Approximately 20 awards per year. The deadline is January for appointments to begin after September.
2. Predoctoral fellowships - stipends of \$7,000 per year to investigators engaged in dissertation research. Approximately 25 awards are made.
3. Graduate and undergraduate fellowships - stipends of \$1,000 for a ten week appointment at the Smithsonian. About 14 awards are made each year. The deadline is March.

Short term visits for students and scholars seeking access to the Smithsonian facilities and staff can also be arranged.

SMITHSONIAN SPECIAL FOREIGN CURRENCY GRANTS FOR MUSEUM PROGRAMS, SCIENTIFIC AND CULTURAL RESEARCH AND RELATED EDUCATIONAL ACTIVITIES (60.016)

- grants to higher education institutions for research in museum programs, archeology and related disciplines, systematic and environmental biology, and astrophysics and earth sciences. Costs of research must be met with foreign currencies expended in the country where the research is being carried out. Funds may be used for travel costs, salaries, food, lodging, etc. Collaborative efforts between an American institution and an institution in the host country are eligible. Most grants are within \$10,000 to \$50,000. Approximately 42 projects are supported each year. The deadline is November.

SMITHSONIAN INSTITUTION PROGRAMS IN BASIC RESEARCH AND PUBLIC EDUCATION (60.001)

- use of property, facilities, equipment, services, technical information and training in the many bureaus and galleries that comprise the Smithsonian -- history, art, technology, natural science. Libraries contain important collections and documents available for use by qualified researchers.

WOODROW WILSON INTERNATIONAL CENTER FOR SCHOLARS (60.020)

- fellowships to approximately 40 scholars and professionals each year -- half from the U.S. and half from other countries to spend four months at the Center devoting full-time research and writing. Eligibility is limited to the postdoctoral level for academic participants and to those with an equivalent degree of professional achievement for non-academic participants. Fellows have been selected from careers in social science, humanities, creative arts, journalism, etc. Emphasis is on increasing man's understanding of and solutions to international, governmental and social problems. The fellowship program is organized into the following broad areas: a) Division of Historical and Cultural Studies; b) Division of Social and Political Studies; c) Resources, Environment and Interdependence; d) Keenan Institute for Advanced Russian Studies; e) Latin American and Caribbean Studies. Deadline is early October.

SMITHSONIAN INSTITUTION TRAVELING EXHIBITION SERVICES - (SITES) (60.013)

- exhibition and other services for tour and rental to educational, scientific, and cultural institutions. Exhibitions are usually for four-week periods and include a wide range of exhibits such as Man in His Environment, American Exodus, and Five Critical Elections. Prices vary from \$200 to several thousand dollars.

CIVIL SERVICE COMMISSION

PRESIDENTIAL MANAGEMENT INTERNSHIP

- two year internships for recent graduates trained in public management to work in the executive branch of the Federal Government. At the completion of their internships participants will be eligible for regular Civil Service appointments. Work assignments for interns will include program planning and evaluation, policy analysis, financial management, labor relations, personnel management, program/management analysis and administrative and management services. In addition, interns will attend orientation sessions and other training programs and seminars throughout their internship. Career counseling will also be available to the interns. An individual must be nominated by the Dean of their graduate school and be receiving an advanced degree during the year in which they apply. The deadline for submission of nominations is in January. Internships begin in June. The Civil Service plans to make up to 250 awards each year.

WHITE HOUSE FELLOWS

- opportunity for 14-20 outstanding young Americans to work in a Cabinet level agency, in the Executive Office of the President, or with the Vice President to learn first-hand about the process of governing the nation. Fellows represent a diverse range of occupations. There are no educational requirements or specific professional categories, but an applicant should have demonstrated leadership qualities and commitment to public service. Seminars are included in this year-long internship. Deadline is December.

INTERGOVERNMENTAL MOBILITY OF FEDERAL, STATE AND LOCAL EMPLOYEES (IPA) (27.011)

- opportunity which permits the temporary assignment of personnel back and forth between federal agencies, state and local governments, colleges and universities. Assignments can last up to two years. Salary and other arrangements are negotiated individually. A person wishing an IPA should make inquiries to the agency for which he wishes to work. Approximately 900 IPA assignments are made each year.

OTHER

COMPREHENSIVE EMPLOYMENT AND TRAINING PROGRAMS (CETA) (Dept. of Labor) (17.232)

- grants for training and employment opportunities to the unemployed,

underemployed and disadvantaged. Projects can involve employment in a wide range of areas including arts; management; counseling, etc. Nonprofit organizations must apply to their prime sponsors (usually a city, county, or part of a state) for project funds. Applicants should work with community and local organizations in developing projects to meet local needs.

DOCTORAL DISSERTATION AND SMALL GRANT RESEARCH (Dept. of Labor) (17.218)

- grants to support studies relating to manpower problems. Small Grants of up to \$15,000 for one year, plus renewal grants for additional years, must focus on manpower problems in one of the following categories: 1) research which explores new fields of inquiry; 2) research which explores new methods of approach to existing fields of inquiry; 3) studies which test the effectiveness of feasibility of research projects or programs; and 4) synthesis of the current state of knowledge in various research areas to provide guides for future manpower needs. Doctoral Dissertation Grants provide up to \$10,000 for one year. Deadlines are September, December, March and June.

Contracts and grants for larger research projects are also available. Proposals should focus on potential solutions to manpower problems, with an end product of broad program interest. Researchers must submit a preproposal for consideration before making formal application.

EMPLOYMENT AND TRAINING RESEARCH AND DEVELOPMENT PROJECTS (Dept. of Labor) (17.233)

- support for studies in employment and training and development and demonstration of new ideas and improved techniques. Demonstration projects should focus on training and employment problems which are not being met; experimental and demonstration projects must concentrate on new techniques. Research projects are for the purpose of policy development in, and better utilization of, human resources. Grants range from \$1,000 to over \$500,000. Research projects are generally less than experimental and demonstration projects. Approximately 125 awards are made each year. Applications are accepted at any time.

UNIVERSITY RESEARCH (Dept. of Transportation)

- contracts for research falling within the following general categories: a) economics and regulation; b) science and technology; c) operations and system concepts; d) social and behavioral research; e) safety and environment; f) university originated research topics. Specific priorities within each category are published each year and have included areas such as community response to adverse transportation impacts; urban structure; transportation supply; and travel behavior. Contracts average \$60,000; approximately 35 contracts are negotiated each year. Deadline is usually in December.

URBAN MASS TRANSPORTATION GRANTS FOR UNIVERSITY RESEARCH AND TRAINING (Dept. of Transportation) (20.502)

- support for studies in the problems of transportation in urban areas, including training of persons to carry on further research or work in urban transportation systems. Grants average \$75,000. Deadlines and program announcements are published in Commerce Business Daily. Projects should be related to the solution of transportation problems.

GENERAL RESEARCH AND TECHNOLOGY ACTIVITY (HUD) (14.506)

- funds for research projects to provide information and solutions to

housing and community problems. Current areas of interest include energy conservation needs; evaluation of existing housing and community development programs; and improving the environment. Grants and contracts range from \$150 to \$1.7 million, with the average grant \$125,000. Approximately 35 grants and 100 contracts are awarded each year. Deadlines are announced on NFP's. Unsolicited proposals may be submitted at any time.

ARCHITECTURE & ENVIRONMENTAL ARTS (National Endowment for the Arts) (45.001)

- grants for projects, including research, professional education and public awareness in architecture, landscape architecture, urban, interior industrial and environmental design. (Funds may not be used for construction.)

Grant categories are:

1. Professional Fellowships in Design - fellowships to professional designers and planners of exceptional talent who seek time for personal development. \$10,000 maximum grant. Deadline is June.
2. Design Project Fellowships - grants to assist exceptionally talented individuals in pursuit of specific design, research or education projects. Maximum grant \$10,000. October deadline.
3. Livable Cities - matching grants to organizations to encourage exemplary design in communities. Funds may not be used for construction, renovation or capital investment.
4. Design and Communication - institutional grants to assist the development and dissemination of information about design for the public and the design profession. Activities can include neighborhood conservation and enhancement, waterfront enhancement, creative building and zoning codes.
5. Cultural Facilities - grants to assist communities in the planning and design of exemplary cultural facilities. Maximum grant is \$30,000.
6. General Programs - grants to assist projects not specifically included in other grant categories. Applications are accepted throughout the year. The institutional grants must be matched at least dollar for dollar by the grantee. Deadlines are generally in February.

CITY SPIRIT (National Endowment for the Arts) (45.001)

- grants for facilitators to help communities become more aware of their cultural resources and help the community determine for itself whether to develop a broad-based community program in the arts. Proposals must show evidence that many areas of community interests are prepared to participate in the process of planning and exploration. Proposals are accepted throughout the year.

Related publications of the Federal Resources Advisory Service include:

- Federal Grants: A Basic Handbook
- A Directory of Selected Federal Program Offices
- A Guide to Federal Funding in the Arts and Humanities
- A Guide to Federal Funding in the Biological Sciences
- A Guide to Federal Funding in the Physical and Mathematical Sciences
- A Guide to Federal Funding for Education, Libraries and Other Institutional Programs
- A Guide to Federal Funding for Health Programs